December 31, 2009 11:21:12 AM



Page 1

Item ID:

D3691-1

Accept

Setup Start



Revision ID:

Start Date:

Item Name: STUD

Required Date: 1/11/2010

12/31/2009

Start Qty: 12.00 Req'd Qty: 12.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date: 09-12-3/Tooling:

Date:

Run

Start

Stop



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ **Work Center ID** Operation Description Set Up/ **Run Hours** Draw Number Draw Plan Rev. Code

Reject Accept Qty Qty

Number Stamp

Draw Nbr

Revision Nbr

D3691

100

Bandsaw

Jeaspa Bandsaw

BAND SAW

Rev WR

Memo

DO NOT USE CHOP SAW

0.00

0.00

Cut blank 7.850" long

10/01/04

110

DOOSAN LATHE

0.00

0.00

Doosan Doosan Lathe

Memo

1-Turn as per Folio FA716 Rev: 6/1 & Dwg D3691 Rev: 62-Deburr

per dwg D3691 3-Check .625" bore with DT9530 GO/NO GO Gauge

120

QC2- Inspect parts off machine FAI/FAIB

0.00

Memo

0.00

Quality Control

Dart Aerospace L	Ltd
------------------	-----

W/O:	WORK ORDER CHANGES						\$
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
							·
i							
						1	

Part No: D3691- PAR #: Fault Category: Machiner NCR: Ves No DQA: Date: 10.01.28

Resolution: Scrip QA: N/C Closed: Date: 10.01.28

NCR: 5	4859	WC	ORK OR	DER NON-CONFORMANCE	E (NCR)			
		Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
10		- 2 parts have marks	P	- scrapt replace	J.L	28	P	
ioloilon	100	-2 parts have marks in sinside 0.625 coursed by arilling, material	10-01-11		10/01/09	10/01/11	10.01.11	
W.		,	pc/ QS) 212				PC 95142	wolodu
		was extremely kind	a				al	
		cauting dull to wen out.	10. D1. 1)				10.01.7	S
		P.L. Process: Mal. is per					1000011	roborla
		Day.						

December 31, 2009 11:21:12 AM



Page 2

Item ID:

D3691-1

Accept



Setup Start



Revision ID:

Item Name:

STUD

Start Qty: 12.00 12/31/2009

Operation

Description

Req'd Qty: 12.00

Cust Item ID: Customer:

Draw

Number

Reference:

Start Date:

Approvals:

Process Plan:

Date:

Date:

Tooling:

Date:

Start

Run

Accept

Qty

Stop



Required Date: 1/11/2010

SPC (Y/N):

Set Up/

Run Hours

Date:

Draw

Rev.

Plan

Code

Stop

Reject

Qty

Sequence ID/ **Work Center ID**

130

Lathe Conv

CONVENTIONAL LATHE

0.00

0.00

Face to finished lengh as per dwg D3691 AND center drill as per Dwg D3691

140



Quality Control

150



Doosan Lathe

Memo

Memo

DOOSAN LAT

per dwg D3691

0.00

1- Turn as per Folio FA716 Rev: & Dwg D3691 Rev: 12-Deburr

Reject

Insp. Number

Stamp

Conventional Lathe

QC2- Inspect parts off mackine FAI/FAIBO

0.00

0.00

W/O:	-	WORK ORDER CHANGES									
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
,						,					
1111								<u> </u>			
Part No	Part No: PAR #:Part #:										
	Resc							Date: _			
NCR:		`	WORK ORDI	ER NON-CONFORMA	ANCE (NCI	₹)					
DATE	STEP	STEP Description of NC Section A		Corrective Action Section Description Chief Eng	Section B on Sign & Date		cation ion C	Approval Chief Eng	Approval QC Inspecto		
			Chief Eng	Onto Ling							

Page 3

December 31, 2009 11:21:12 AM

Item ID:

D3691-1

Accept

Setup Start



Revision ID:

Start Date:

Item Name: STUD

Required Date: 1/11/2010

Start Qty: 12.00 12/31/2009

Req'd Qty: 12.00

Cust Item ID: Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

0.00

Date:

Start

Stop

Date:

SPC(Y/N):

Date:

Stop

Sequence ID/ Work Center ID

160

Quality Control

Operation Description

QC2- Inspect parts off machine FAI/FAIB

Memo

Set Up/ **Run Hours**

Draw Number Draw Rev.

Plan Qty Code

Reject Accept Qty

Run

Reject Number Stamp

170

Quality Control

QC8- Inspect parts - second check

Memo

0.00

0.00

0.00

171

Purchasing Purchasing

Liquid Penetrant Inspection as per QSI 038 Issue P/O: /// 9 O LPI as per dwg D3691

Attach copy of NDT results to work order

_ Bl 10-1-21

Dart Aerospace i	Ltd
------------------	-----

	•										
W/O:			WO	RK ORDER CHANGI	ES				r		
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
		The second secon	, ,	,							
			٠٠٠٠٠٠٠								
Part No) :	PAR #:	Fault Categ	ory:	NCR: Yes	No DQ	A:	Date: _			
	Re	solution:	Disposition	:	QA: N/C Closed: Date:						
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCR	1)		-			
DATE	STEP	Description of NC		The state of the s				Approval	Approval		
	0.2.	Section A	Initial Chief Eng	Action Description Chief Eng	Date	Sign & Section C		Chief Eng	QC Inspector		

December 31, 2009 11:21:12 AM



Page 4

Item ID:

D3691-1

Accept

Setup Start

Stop



Revision ID:

Item Name: **Start Date:**

STUD

QC:

Start Qty: 12.00 12/31/2009

Required Date: 1/11/2010 Req'd Qty: 12.00

Date: _____

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Tooling: Date:

SPC (Y/N):

0.00

0.00

Date:

Date:

Run Start

Stop

Sequence ID/

Work Center ID

173

Packaging

Operation Description

Receive & Inspect for Damage & Mat'l Certs

Memo

Memo

Memo

Set Up/ **Run Hours**

Draw Number Draw Rev.

Plan Qty Code

Accept

Reject Qty

Reject Number Stamp

Packaging

175

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

0.00

180

Packaging Packaging

Identify as per dwg & Stock Location:

0.00

0.00

So 10/01/22

W/O:			WC	RK ORDER CHANG	ES					r
DATE	STEP	PROCEDURE CHANGE					Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
75							-			
Dort No		DAD #-	Fault Oata		NOD	V N	L- DO		D-1	
Part No		PAR #:								
	Resolution:		Dispositio	າ:	QA: N	/C Clo	sed:		Date: _	
NCR:			WORK ORDI	ER NON-CONFORM	ANCE (NCR)				
DATE	STEP	Description of NC		Corrective Action Section B			Verification		Approval	Approval
DAIL	JILF	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Section	on C	Chief Eng	QC Inspector



Page 5

December 31, 2009 11:21:12 AM

Item ID:

D3691-1

Accept



Setup Start



Revision ID:

Item Name: **Start Date:**

STUD

12/31/2009

Start Qty: 12.00

Req'd Qty: 12.00

Operation

Description



Cust Item ID:

Customer:

Reference: Approvals:

Process Plan:

Date:

Tooling:

Date:

Start

Stop

Stop

QC:

Date:

SPC (Y/N):

Set Up/

Run Hours

Date:

Sequence ID/

Work Center ID

190

Required Date: 1/11/2010

QC

Memo

QC21- Final Inspection - Work Order Release

0.00

Draw Draw Number Rev.

Plan Code

Accept Qty

Reject Qty

Run

Reject Number Stamp

Insp.

Quality Control

0.00

10/01/25/8) MF 10-1-22

W/O:		WORK ORDER	CHANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	By Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No):	PAR #:Fault Category:	NCR: Yes	No DQ	A:	Date: _	
	6	Population: Diamonitian.	O.A. N/O.	Nanad.		Data.	

NCR:			WORK ORD	ER NON-CONFORMAN	CE (NCR)		•	
		Description of NC		Corrective Action Section B			Approval	A
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector
						·		
				,				

Picklist Print

December 31, 2009 11:21:12 AM

Work Order ID: 54859

Parent Item:

Comments:

D3691-1

Parent Item Name: STUD

Start Date: 12/31/2009

Required Date: 1/11/2010

Start Qty: 12.00

Required Qty: 12.00

Component Item ID/ Item Name

Replacement Mfg/ Item ID

Purch

Bin Primary Item Location Last Location

Route Seq ID

Qty on Unit of Measure Hand

Remaining Qty To Pick Issued

Qty

Date Status Issued

M174PH-H900R1.000

Purchased

No

f 8.7644 89.7273

17-4SS H900 ROUND BAR 1.00

Warehouse	Loc Qty	Loc Code			
Location					
Main Warehouse					
MAT	89.7273				
110213	0.3				
110750	11.26				
110990	0.87				
111055	1.84		<u> </u>		
112374	11.87				
112570 جـ	63.5873		8.7 <i>(H</i>	り	10/0

W/O:			WORK ORDER (••			
DATE	STEP	PI	ROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
					į			
							-	
Part No	:	PAR #:	Fault Category:	NCR: Y	es No D C	QA:	Date:	
	R	esolution:	Disposition:	QA: N/0	Closed: _		Date:	

NCR:			WORK ORDI	ER NON-CONFORMANC	CE (NCR)										
- 4	T	Description of NC		Corrective Action Section B	Verification	Ammunual	A								
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector							
		,													
								•							
							,								

DART AEROSPACE LTD	Work Order:	54859
Description: Stud	Part Number:	D3691-1
Inspection Dwg: D3691 Rev: C		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X	First Article	Prototyp	е
---	---------------	----------	---

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.695	+/-0.010	,700				
45°	0.5°	45°				
0.625	+0.004/-0.000	. 627				
1.25	+0.000/-0.03	1.230	V.			
118°	0.5°	1/50				
R0.03	+/-0.030	,030				
0.11 Ref	+/-0.030	-11				
90°	0.5°	906				
Ø0.189	+0.005/-0.001	. 191				
1.31	+/-0.030	1.325				
1.65	+/-0.030	1.657				
0.750	+0.000/-0.010	- 747				
Ø0.659	+0.000/-0.015	.652				
7.750	+/-0.015	7.451				
2.90	+/-0.030	2.908				
3/4-16UNF-2A	N/A					
0.075 x 45°	+/-0.010 x 0.5°	.078x45°				
0.375	+0.000/-0.010 ~	.372				
Ø0.189	+0.005/-0.001	191	V			
R0.25	+/-0.030	. 25				
R0.50	+/-0.030	.50				

Measured by:	الد/	Audited by:	Prototype Approval:	N/A
Date:	10/01/06	Date:	Date:	N/A

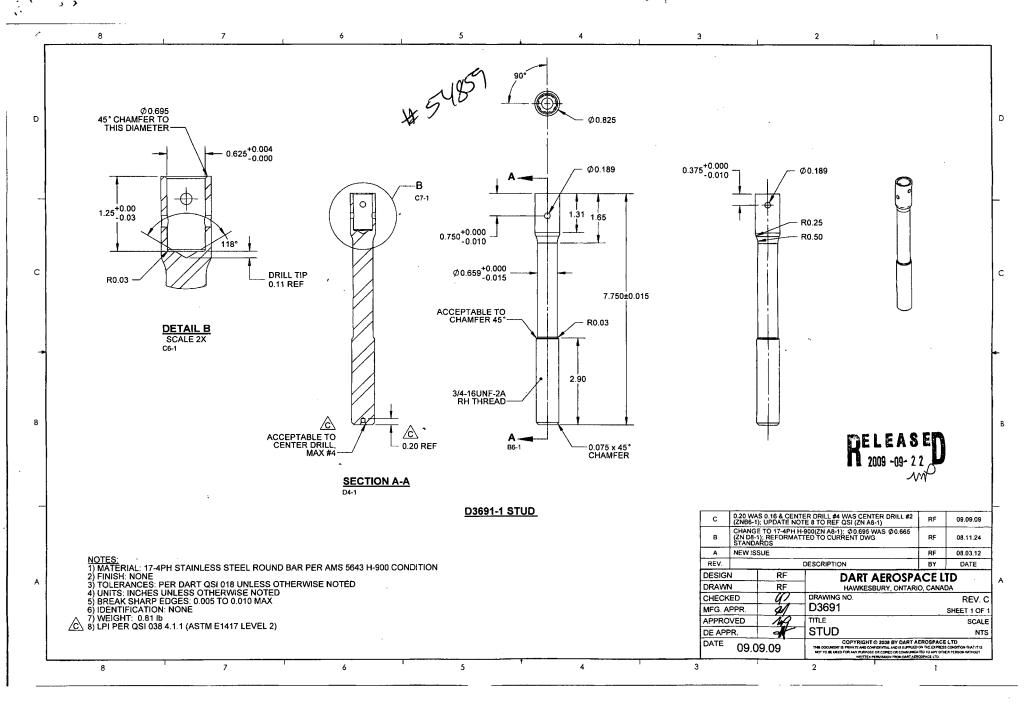
Rev	Date	Change	Revised by	Approved
Α	09.05.11	New Issue	KJ IV	
В	09.11.04	Dwg Rev updated	KJ 🛠	A

Dart Aerosp	pace Ltd
-------------	----------

W/O:			W	ORK ORDER CHANGE	S	7.00							
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
l													
Part No	Part No: PAR #:			tegory:	NCR: Yes	No DQ	A:	Date:					
				ion:	QA: N/C C	QA: N/C Closed: Date:							
NCR:		1	WORK ORI	DER NON-CONFORMA	NCE (NC	3)							
DATE	STEP	Description of NC	1	Corrective Action Section		Verific		Approval	Approval				
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign of Date		on C	Chief Eng	QC Inspector				
			1										
1								•					
				·									

NOTE: Date & initial all entries

.771



Aeros	

W/O:			WO	RK ORDER CHANG	ES				(L)
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	,								
			· · · · · · · · · · · · · · · · · · ·						
								,	
Part No	Part No: PAR #: Resolution:		Fault Cate	Jory:	NCR: Yes	No DQ	A:	Date:	
	Re	solution:	Disposition	n:	Date:				
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NCR)			PRESERV
DATE	STEP	Description of NC	Description of NC Corrective Action Se				ation	Approval	Approval
DAIL	JILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Secti		Chief Eng	QC Inspector
								į	
							_		
							,		
							/		
								~	



LIQUID PENETRANT TEST REPORT

P- 15315

ACUREN	4						!
	1					Page	OF
CHENT	Dat AFINS	PACE		_DATE	FANUNZY 21-3	2010_ TIME	AM PM
CLIENT	L11 Na	ICHAN TEL		_ Acuren Job No.	188-	10-00	46
ATTENTION	1220 10	IN NEEN ST		PO/WO No.		- 11190	
Address .	1770 ASB		11k7	Work Location	SHOS	P	
H	· LONE) DULL				45 Tu 141		TE 2007
Doc 1505	FR.I.	0~ 2	closs		12		
PROJECT	1.10-4.	11 Acit		PARTS	-		
ITEM(S) EXAMINED		in Aca					
JOB DESCRIPTION	NC	PROCEDURE NO. LT-	-000,2 REV./DATE		TECHNIQUE NO. LT-	SUI 2 REV./DA	(TE
	TAINLESS			MATERIAL ALLES	THE ALUXINE	M THICKNESS	
		FLOWE ESC	EIST LI	QUID PE	DETRANT	_	
SCOPE		NSPECTION	CAPP	Q. 0. 11.	1 100%		NAL.
Tror Descrip			-11,50				
TEST DETAILS METHOD	FLUOR	RESCENT	VISIBLE	WATER WASH	☐ SOLVE	ENT REMOVABLE	☐ Post EmulsiFied
FAMILY BRAND	MERRELLIA			BLACK LIGHT S/N	16457 3 OUTPU	л > 1000 μ W/см²	AMBIENT < 2 fc
PENETRANT 2	L 67	MINIMUM DWELL TIME		LIGHTING EQUIP.	☐ FLASHLIGHT ☐ TROL	UBLELIGHT • OUT	TPUT>100 fc @ SURFACE
PENETRANT REMOV		MINIMUM DRY TIME	>10 Min.		31.00 1098866	Cai Di	UE DATE
DEVELOPER TYPE	Non Aqui	MINIMUM DWELL TIME JEOUS AQUEOUS		LIGHT WETER S/N	-0,0000		10-1-23
TEST SURFACE							
SURFACE CONDITION	ON 🗀 As GROUI			MACHINED	SHOT BLASTED		CLEAN BARE METAL
SURFACE TEMPERA	ATURE - <- 4°C/2	20°F ☐ - 4°C	C/ 20°F TO 10°C/50	D°F	22 10°C/50°F TO 5	2°C/125°F 🖸	> 52°C/125°F
RESULTS-	METRIC .	☐ IMPERIAL)					
100	ids ,-w.c	1 540 TG	2/				
12 31							
x 00.	Re in	0.55130	· /				
	•		,				
1 100	STRE	0. 551 31	·/				
1 2005	DIEDE JOU	U, J-1.	▼				
1			•				
	^ ~ ·		. 5 . ~				
MIL I	7545 A	TO STAND	AND		•		
1 HOLE	MASLE	12 25412B	ar W.		./		
IN TH	is Kyori	•			M/ 10-01	' 22	
Scope of Services The agreement of Acuren	Group Inc. to perform service	res extends only to those services p	provided for in writing. Un	der no circumstances shall su	ach services extend beyond the p	performance of the requeste	ed services. It is expressly understoo touded now can they be construed as
that all descriptions, com	nments and expressions of opi	vinion reflect the opinions or observ	vations of Acuren Group In of the owner/operator and t	ic, based on information and a the owner/operator retains con	assumptions supplied by the own mplete responsibility for the eng	nerroperator enu ure no, на gincering, manufacture, repe	tended nor can they be construed as air and use decisions as a result of t
data or other information	n provided by Acuren Group I	Inc. In no event shall Acuren Grot	up Inc.'s liability in respect	t of the services referred to here	rem exceed the amount paid for :	such services.	
In performing the service	es provided, Acuren Group In uded by Acuren Group Inc.	re, uses the degree, care and skill o	orumarny exercised under .	simuar circumstances by other	es preparang such services in h	as some or summer tocutty.	· · · · · · · · · · · · · · · · · · ·
SIGNATURES							
CLIENT REPRESE	ENTATIVE MAIN	HEW KNEDO-TO	4 MM	with Me	untock.	DTR# E	27676
_		PRINT		SIGNATURE	REPORT	_	
TECHNICIAN (SIGN	NATURE):	1 11 ~	/ , 		REVIEW	/ED BY:	
NAME (PRINT):	<u> </u>	KE Jettes 1	<u>. </u>	2 TECHNICIAN		NAME	INITIALS
	CGSB L	EVEL SNT LEVE	EL 💯 CGSBI		LEVEL		
	CGSB R			REG. NO			

Daily Time Report

E-27696

Client: Dat AcrosCare									,					Form dat	ed Sep 2005
Client: DAT AGOSTACE Contact: 1270 ABGOS CEN 57, MUNICIPALLY, UN		Job #:		سعرن				Date:	JA	ايتزر	24	ا الاد	21	201	iO
Location: AS ABOVE Description: FPT, - Methods fatts X-TußE		Day:	Sun	ŀ	∕lon	Tue		Wed	T	hurs	ン	Fr	i		Sat
	<u>S</u> , P	.O. #: nicle #		- 2	-			W.O #	:	88		·O ·-	0	640	2
Report #'s:	Veh	nicle #		57	<u> </u>		Ca	amera #	:			-	-		
To To	tal Hours	Total	Hours						F	RADIA	ATION	SAF	ETY C	HECK	LIST
Name Specialist CEDO Start Time To Start Time				1				TLD NO.	ļ	SAF	ETY (CHEC	KS		Daily DRD
Train	/el Worked	ST OT	DT	SP	КМ	LOA	ОТМ		C/C	S/E	S/C	B/S	C/L	C/S	Readings
M. Johns Tor ? 7:00 A 2	- 3	.5 ^m			200					<u> </u>	3.0			-0/5	
AM PM			ļ <u></u>												
PM AM			<u> </u>												
PM AM			<u> </u>												
PM AM PM			1						-						
AM			 												
AM PM															
	RADIOG	RAPHIC	INIT	PRIC	NG										
Weld Diameter				ong Se					Circ.	Seam	,			7	
Schedule / Thickness				hicknes					Thick					1	
Quantity			L	ineal Ft					Linea						
Film: Pcs. 2 ¾ x 17" Consumable	s:						РІ	ace a chec	k mark i	n oack	ı cafatı	, abaa	lı araa		valote d
Pcs. 3 ½ x 17"							C/C		MERA (y chec	n area	as com	pieteu
Pcs. 4 ½ x 17" Equipment:							S/E		FETY E			CHE	CK		·
Pcs. 14" x 17"							S/C		RVEY N				<u> </u>		
Pcs.		11		S		/	B/S		RRRIEF				I FD		
Client Repre	sentative: //	Matthe	-	Ulle	rdet l		C/L		MERAI					STOR	RED
							C/S		MERA S						
EXPENSES					AC	UREN	1-877-	299-285	7		***************************************				
	Oakville	(905) 82	5-8595 •	Fax (9	05) 825-8	3598	Cam	bridge	(51	9) 62:	2-3112	2 • Fa	x (519) 622-1	1326
NOTES	Sarnia	(519) 336	6-3021 •	Fax: (519) 336-	8220	Con	nwall	(61	3) 93 ⁻	1-1261	1 • Fa	x (613	931-2	2777
	Sudbury	(705) 522	2-1849 •	Fax (7	05) 522-9	9926	Sain	t John	(50	6) 84	7-0194	4 ● Fa	x (506) 847-0	0194
	Halifax	(902) 49	7-3870 •	Fax (9	02) 445-5	5090	Thu	nder Bay	(80	7) 47	5-4240) • Fa	x (807) 577-2	2017
	North Bay	(705) 840	0-8107 •	Fax (7	05) 476-6	683	Gas	pé	(41	8) 392	2-3618	3 • Fa	x (418) 392-4	1114
	Val D'Or	(819) 856	6-6789 •	Fax (8	19) 825-9	9564	Hull		(81	9) 360	0-0685	• Fa	x (819) 827-3	3513